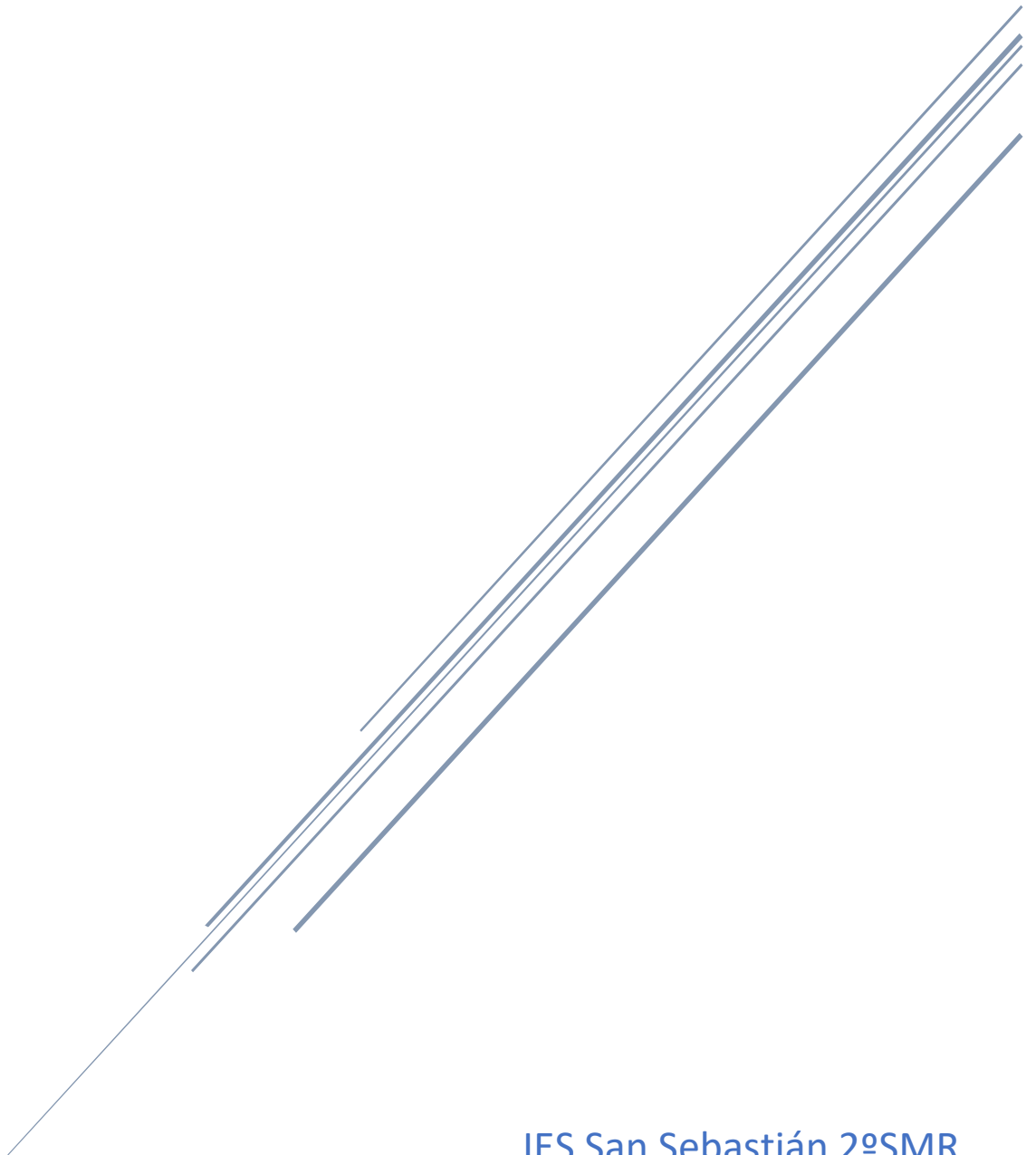


# PRACTICA 5.2 AWEB

Convierte sitios web en Aplicaciones de Escritorio con  
Nativefier

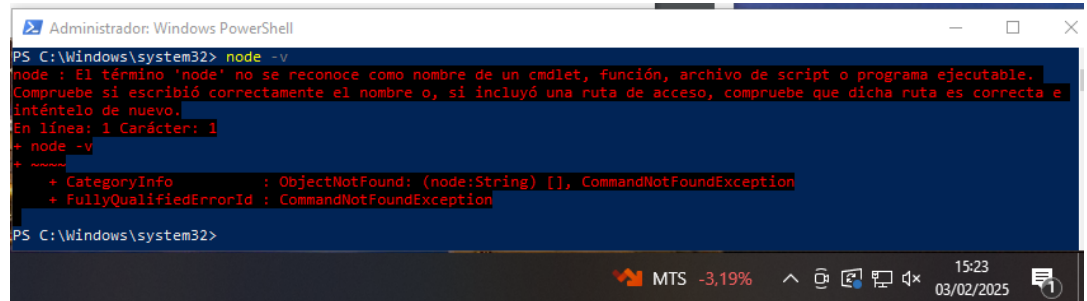


## Tarea 5.2

1) Para instalar Nativefier, necesitas tener Node.js y [NPM](#) instalados en tu computadora. Si aún no los tienes, puedes descargarlos desde la página oficial de [Node.js](#).

a) Comprobar que no tienes instalado NODE.JS en POWER SHELL

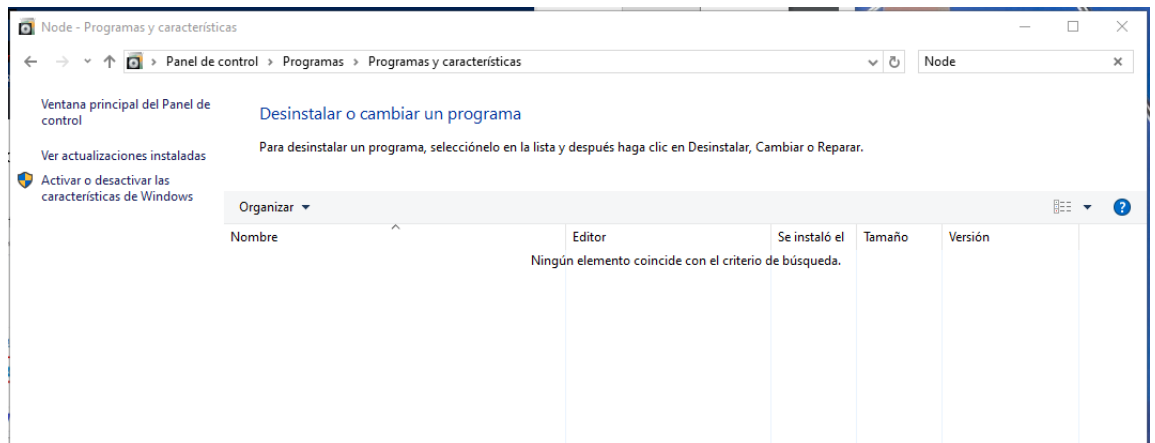
a. Node -v



```
Administrador: Windows PowerShell
PS C:\Windows\system32> node -v
node : El término 'node' no se reconoce como nombre de un cmdlet, función, archivo de script o programa ejecutable.
Compruebe si escribió correctamente el nombre o, si incluyó una ruta de acceso, compruebe que dicha ruta es correcta e
inténtelo de nuevo.
En línea: 1 Carácter: 1
+ node -v
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (node:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Windows\system32>
```

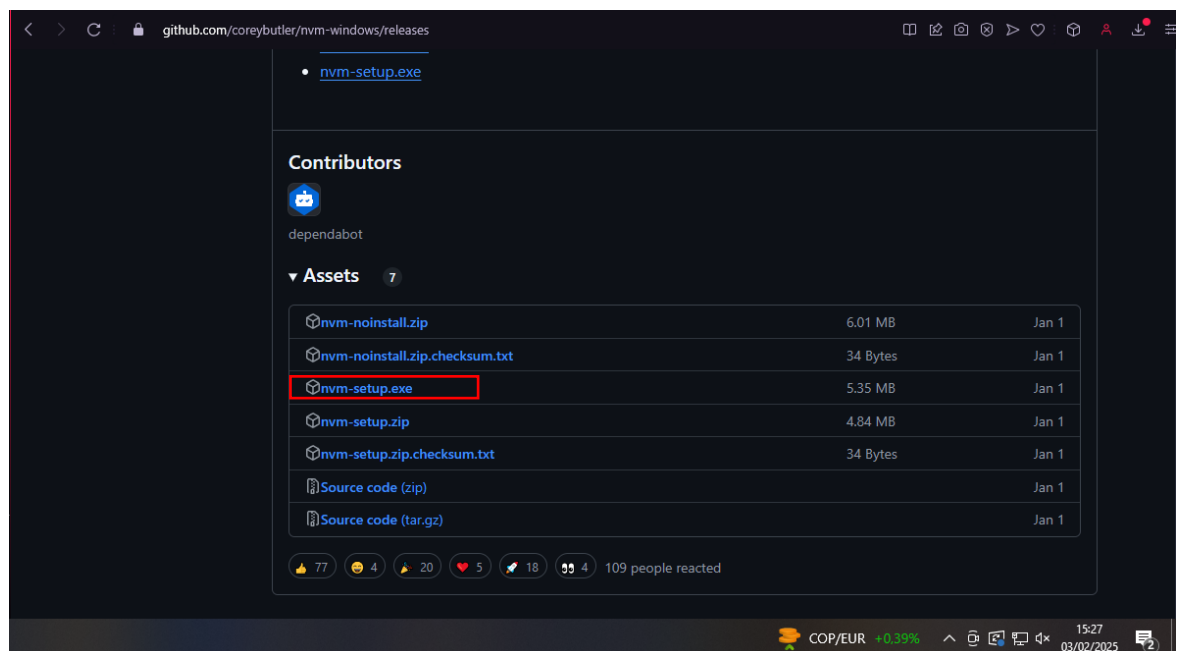
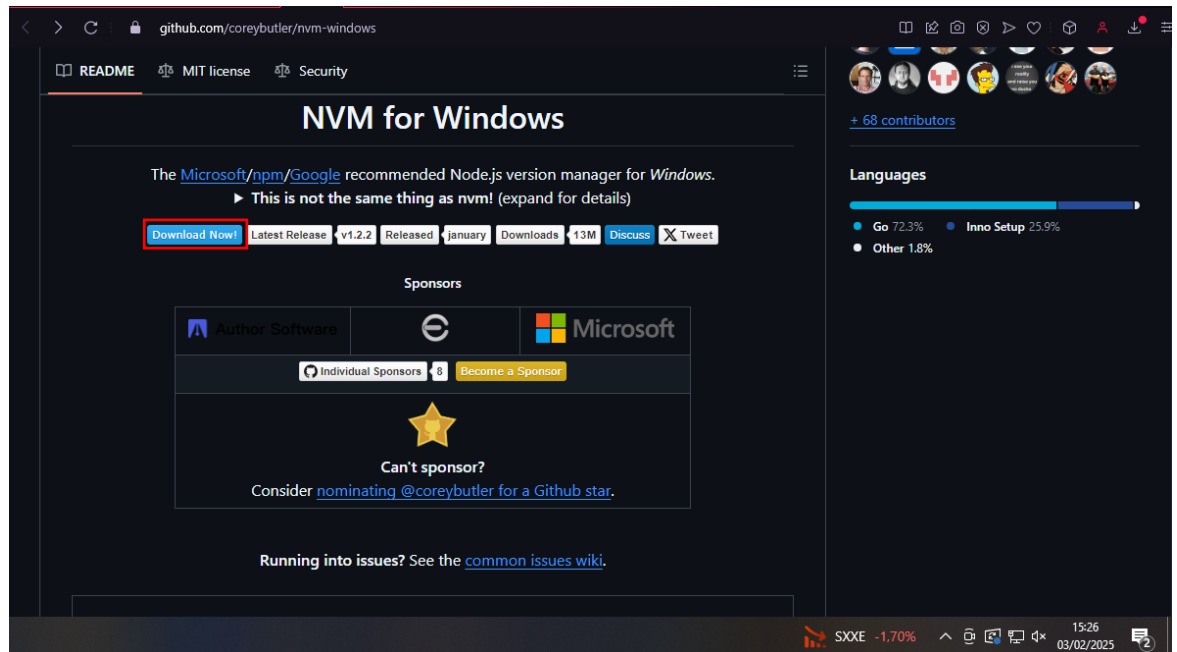
b) Comprobar que no está instalado en el panel de control de instalación de programas.



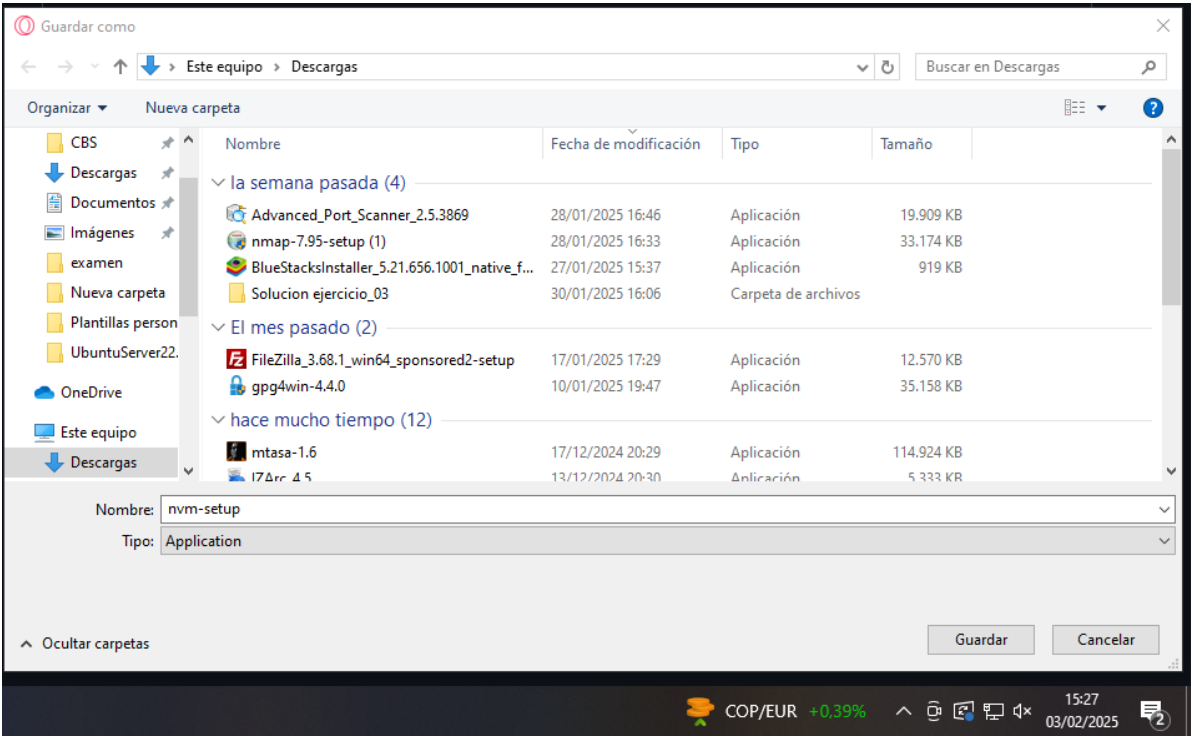
## Tarea 5.2

- c) Descargar el repositorio <https://github.com/coreybutler/nvm-windows>

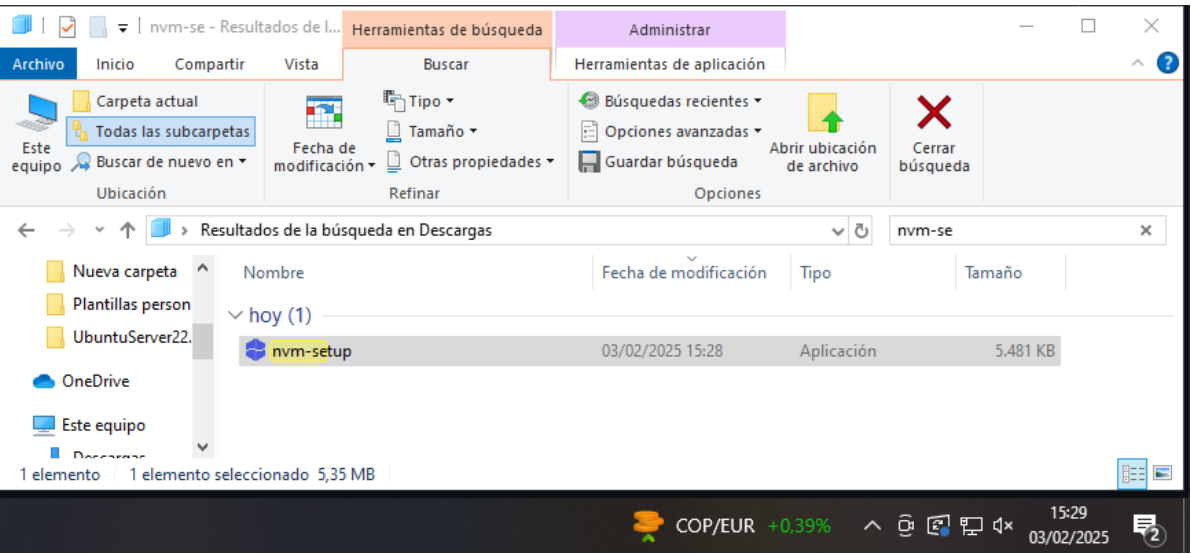
Descargaremos el repositorio.



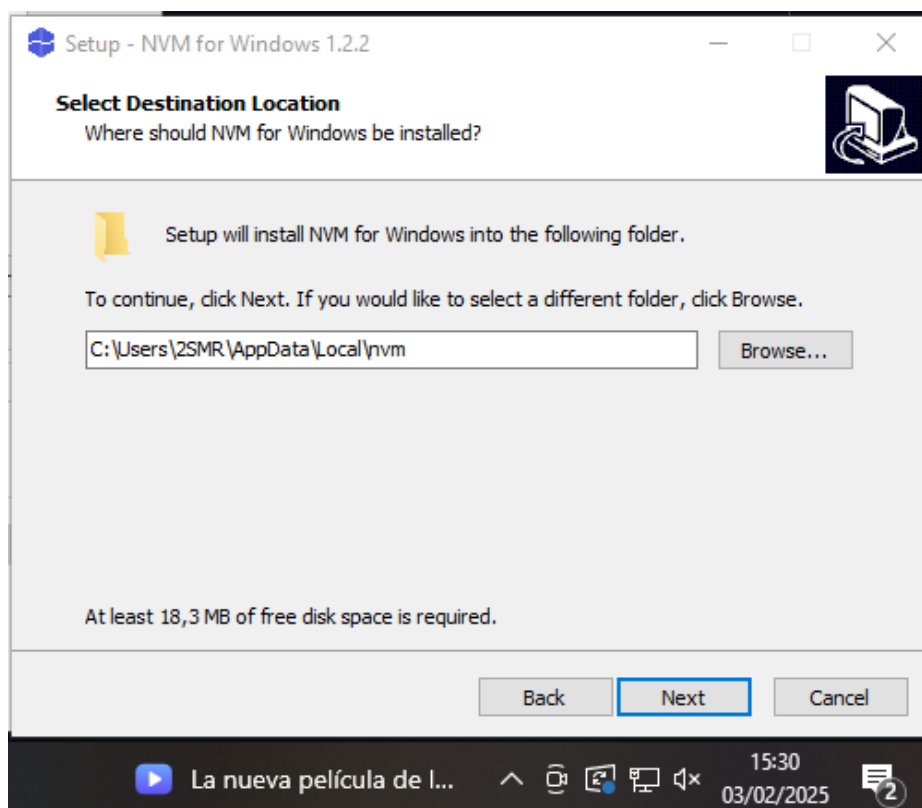
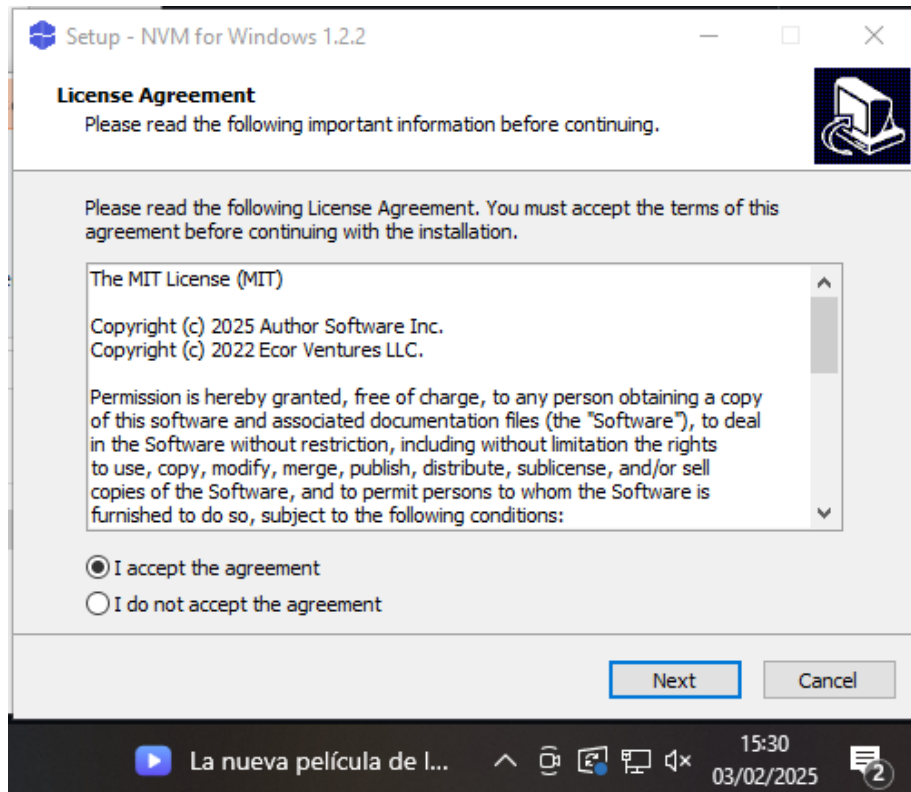
Tarea 5.2



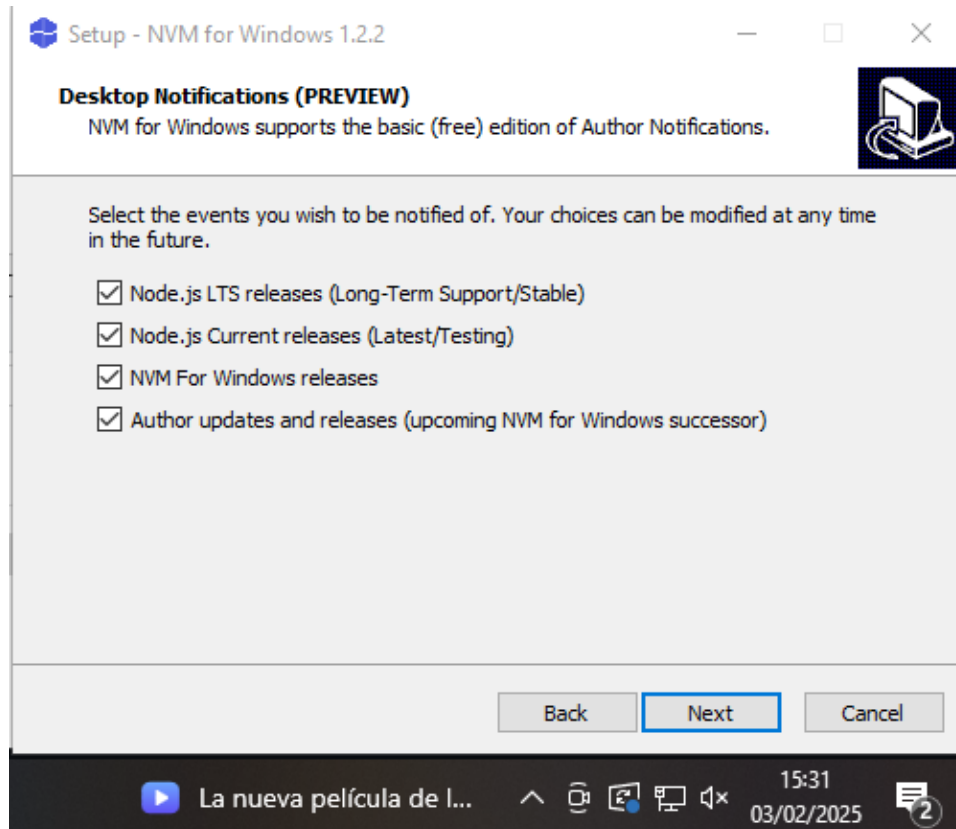
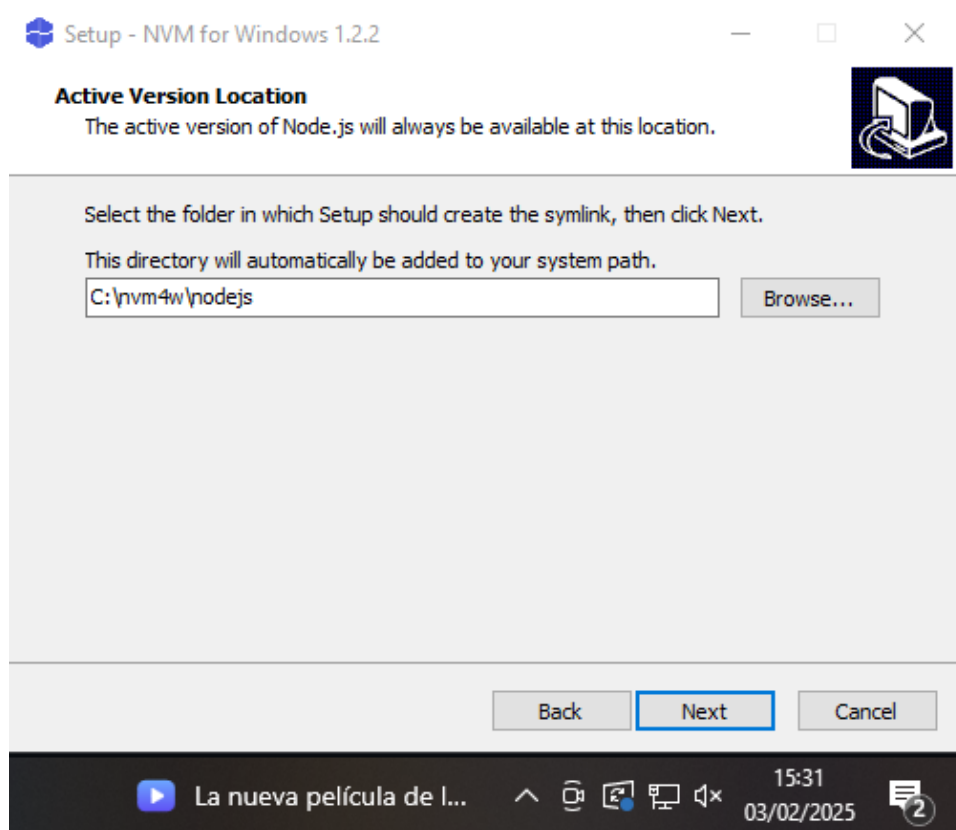
Lo instalaremos



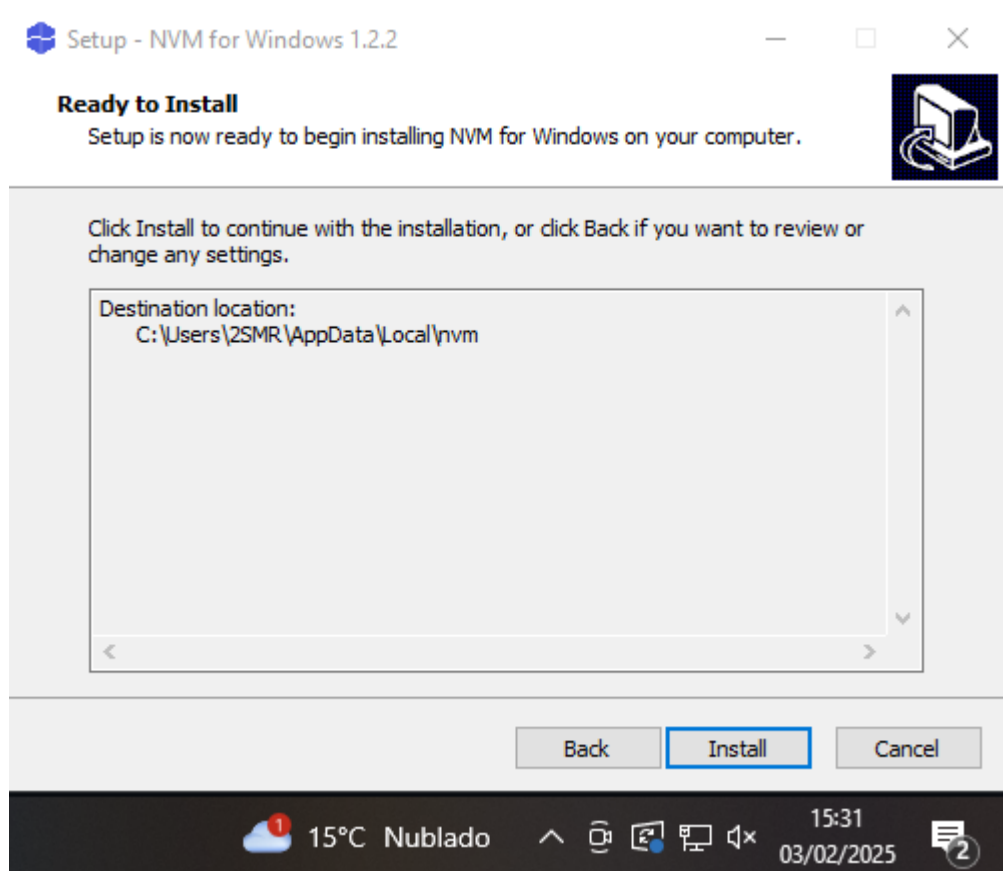
## Tarea 5.2



## Tarea 5.2



## Tarea 5.2



## Tarea 5.2

```
Administrador: Windows PowerShell
PS C:\Windows\system32> nvm

Running version 1.2.2.

Usage:
  nvm arch                : Show if node is running in 32 or 64 bit mode.
  nvm current              : Display active version.
  nvm debug                : Check the NVM4W process for known problems (troubleshooter).
  nvm install <version> [arch] : The version can be a specific version, "latest" for the latest current version, or "lts"
                                for the
                                most recent LTS version. Optionally specify whether to install the 32 or 64 bit version
  (defaults                : to system arch). Set [arch] to "all" to install 32 AND 64 bit versions.
                                Add --insecure to the end of this command to bypass SSL validation of the remote downlo
ad server.
  nvm list [available]     : List the node.js installations. Type "available" at the end to see what can be install
d. Aliased as ls.
  nvm on                   : Enable node.js version management.
  nvm off                  : Disable node.js version management.
  nvm proxy [url]          : Set a proxy to use for downloads. Leave [url] blank to see the current proxy.
                                Set [url] to "none" to remove the proxy.
  nvm node_mirror [url]    : Set the node mirror. Defaults to https://nodejs.org/dist/. Leave [url] blank to use def
ault url.
  nvm npm_mirror [url]     : Set the npm mirror. Defaults to https://github.com/npm/cli/archive/. Leave [url] blank
to default url.
  nvm uninstall <version> : The version must be a specific version.
  nvm upgrade              : Update nvm to the latest version. Manual rollback available for 7 days after upgrade.
  nvm use [version] [arch] : Switch to use the specified version. Optionally use "latest", "lts", or "newest".
                                "newest" is the latest installed version. Optionally specify 32/64bit architecture.
                                nvm use <arch> will continue using the selected version, but switch to 32/64 bit mode.
                                A shortcut method to clean and reinstall a specific version.
                                Set the directory where nvm should store different versions of node.js.
                                If <path> is not set, the current root will be displayed.
  nvm reinstall <version> : Subscribe to desktop notifications.
                                Valid topics: lts, current, nvm4w, author
  nvm root [path]          : Unsubscribe from desktop notifications.
                                Valid topics: lts, current, nvm4w, author
  nvm subscribe [--]<topic> : Displays the current running version of nvm for windows. Aliased as v.
  nvm unsubscribe [--]<topic>
  nvm [--]version

PS C:\Windows\system32>
```

Una vez instalamos descargaremos la ultima versión de node.

```
Administrador: Windows PowerShell
PS C:\Windows\system32> nvm install lts
```

```
Administrador: Windows PowerShell
PS C:\Windows\system32> nvm install lts
Downloading node.js version 22.13.1 (64-bit)...
Extracting node and npm...
Complete
Installation complete.
If you want to use this version, type:

nvm use 22.13.1
PS C:\Windows\system32>
```



## Tarea 5.2

```
Administrador: Windows PowerShell
PS C:\Windows\system32> nvm list
22.13.1
PS C:\Windows\system32> nvm use 22.13.1
Now using node v22.13.1 (64-bit)
PS C:\Windows\system32>
```

Pondremos el siguiente comando para que funcione npm.

```
Administrador: Windows PowerShell
PS C:\Windows\system32> Set-ExecutionPolicy Remotesigned -Scope CurrentUser

Cambio de directiva de ejecución
La directiva de ejecución te ayuda a protegerte de scripts en los que no
confías. Si cambias dicha directiva, podrías exponerte a los riesgos de
seguridad descritos en el tema de la Ayuda about_Execution_Policies en
https://go.microsoft.com/fwlink/?LinkID=135170. ¿Quieres cambiar la directiva de
ejecución?
[S] Sí [O] Sí a todo [N] No [T] No a todo [U] Suspender [?] Ayuda
(el valor predeterminado es "N"):s
PS C:\Windows\system32>
```

```
Administrador: Windows PowerShell
PS C:\Windows\system32> Get-ExecutionPolicy -List

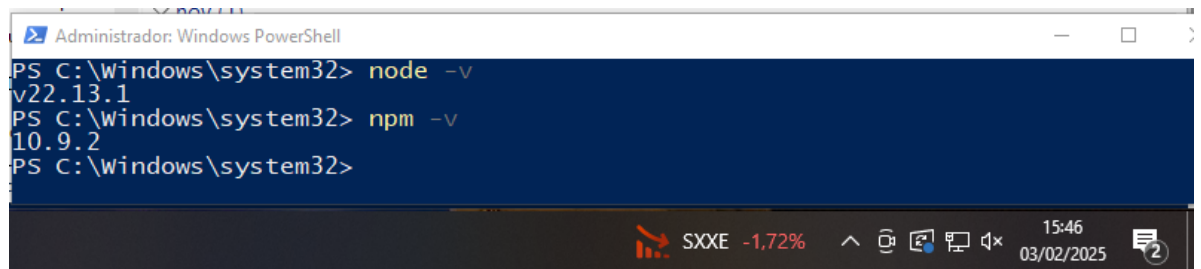
Scope ExecutionPolicy
-----
MachinePolicy Undefined
UserPolicy Undefined
Process Undefined
CurrentUser RemoteSigned
LocalMachine Undefined

PS C:\Windows\system32>
```

```
Administrador: Windows PowerShell
PS C:\Windows\system32> npm -v
10.9.2
PS C:\Windows\system32>
```

## Tarea 5.2

- d) Comprobamos que ya lo tenemos instalado a través de Power Shell  
Node.js y [NPM](#) instalados

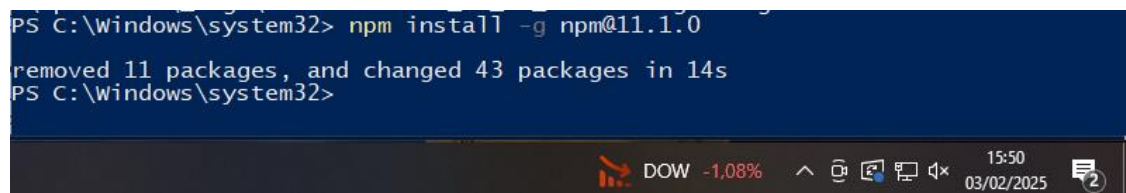


```
Administrador: Windows PowerShell
PS C:\windows\system32> node -v
v22.13.1
PS C:\windows\system32> npm -v
10.9.2
PS C:\windows\system32>
```

The screenshot shows a Windows PowerShell window with the title 'Administrador: Windows PowerShell'. The terminal output shows the command 'node -v' returning 'v22.13.1' and the command 'npm -v' returning '10.9.2'. The taskbar at the bottom shows the time as 15:46 on 03/02/2025 and a stock price for SXSE at -1.72%.

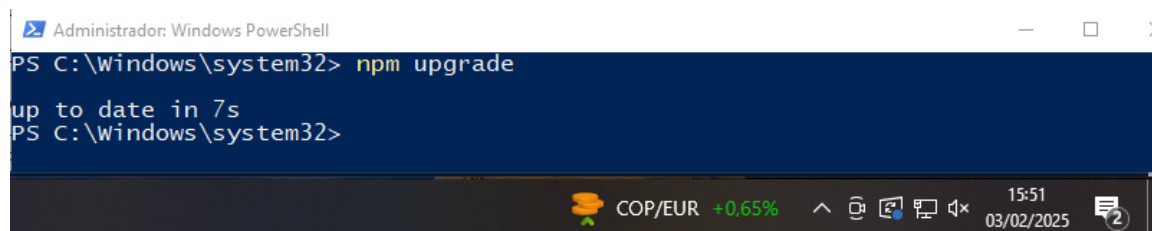
2. Una vez que tengas Node.js y NPM instalados, pasamos a instalar nativefier

Primero actualizaremos npm.



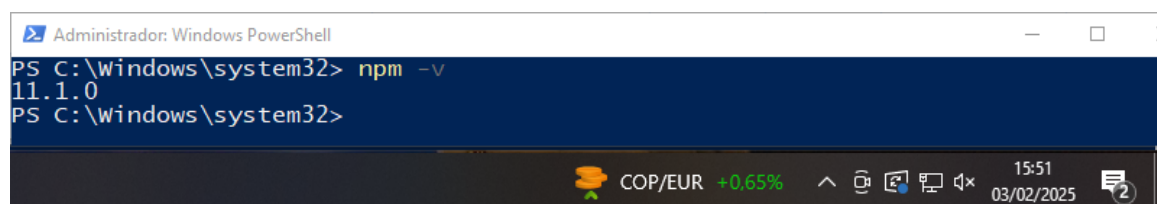
```
PS C:\Windows\system32> npm install -g npm@11.1.0
removed 11 packages, and changed 43 packages in 14s
PS C:\Windows\system32>
```

The screenshot shows a Windows PowerShell window with the title 'Administrador: Windows PowerShell'. The terminal output shows the command 'npm install -g npm@11.1.0' and the response 'removed 11 packages, and changed 43 packages in 14s'. The taskbar at the bottom shows the time as 15:50 on 03/02/2025 and a stock price for DOW at -1.08%.



```
Administrador: Windows PowerShell
PS C:\windows\system32> npm upgrade
up to date in 7s
PS C:\Windows\system32>
```

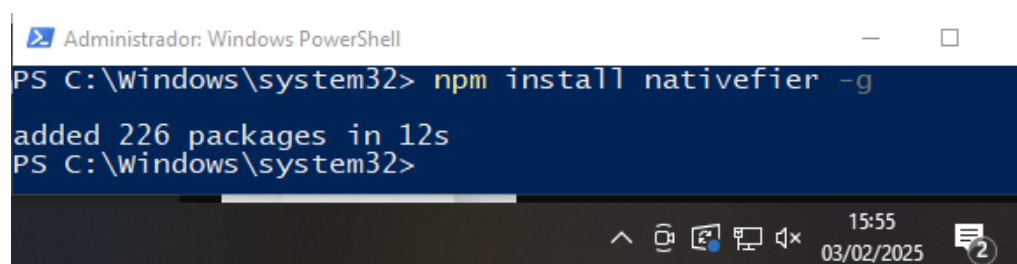
The screenshot shows a Windows PowerShell window with the title 'Administrador: Windows PowerShell'. The terminal output shows the command 'npm upgrade' and the response 'up to date in 7s'. The taskbar at the bottom shows the time as 15:51 on 03/02/2025 and a stock price for COP/EUR at +0.65%.



```
Administrador: Windows PowerShell
PS C:\windows\system32> npm -v
11.1.0
PS C:\Windows\system32>
```

The screenshot shows a Windows PowerShell window with the title 'Administrador: Windows PowerShell'. The terminal output shows the command 'npm -v' and the response '11.1.0'. The taskbar at the bottom shows the time as 15:51 on 03/02/2025 and a stock price for COP/EUR at +0.65%.

Una vez actualizado instalaremos nativefier

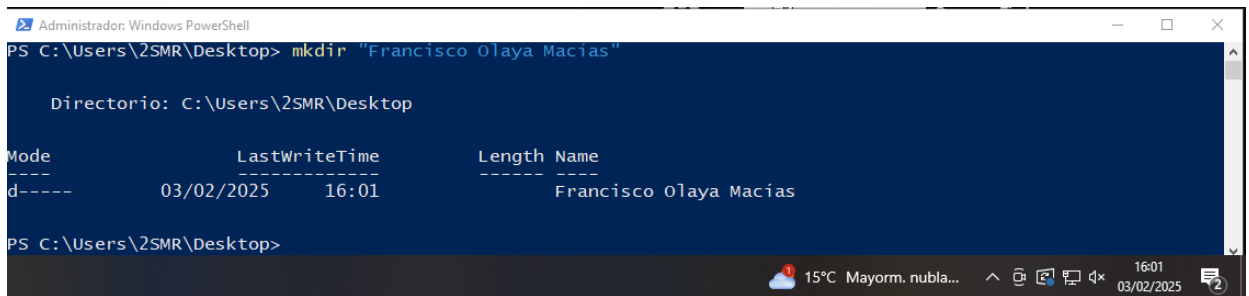


```
Administrador: Windows PowerShell
PS C:\Windows\system32> npm install nativefier -g
added 226 packages in 12s
PS C:\Windows\system32>
```

The screenshot shows a Windows PowerShell window with the title 'Administrador: Windows PowerShell'. The terminal output shows the command 'npm install nativefier -g' and the response 'added 226 packages in 12s'. The taskbar at the bottom shows the time as 15:55 on 03/02/2025.

## Tarea 5.2

- Crea una carpeta con tu nombre en el escritorio



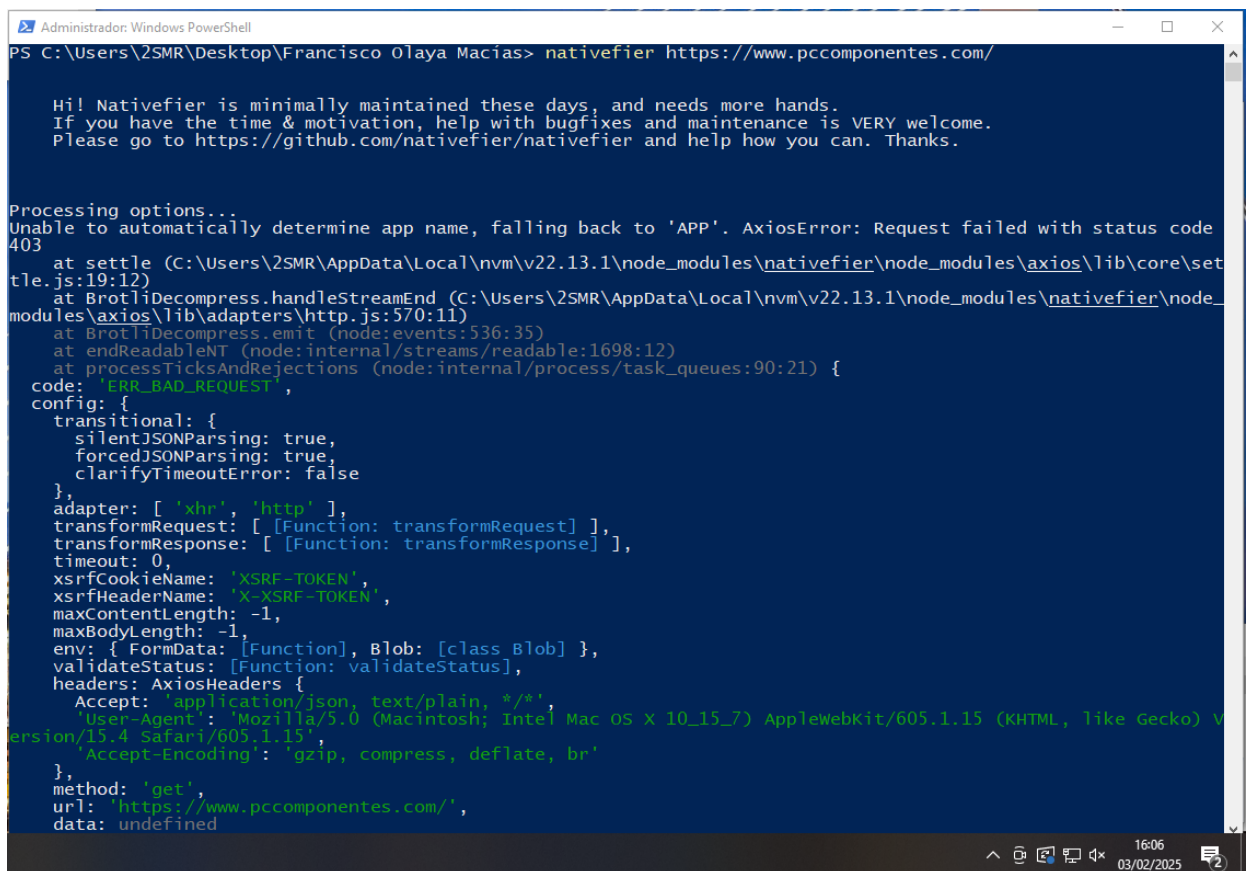
```
Administrador: Windows PowerShell
PS C:\Users\2SMR\Desktop> mkdir "Francisco Olaya Macias"

Directorio: C:\Users\2SMR\Desktop

Mode                LastWriteTime         Length Name
----                -
d-----          03/02/2025   16:01           Francisco Olaya Macias

PS C:\Users\2SMR\Desktop>
```

- Vamos a crear un sitio web como web de escritorio en la carpeta con tu nombre, cada alumno lo hará de un sitio web diferente.

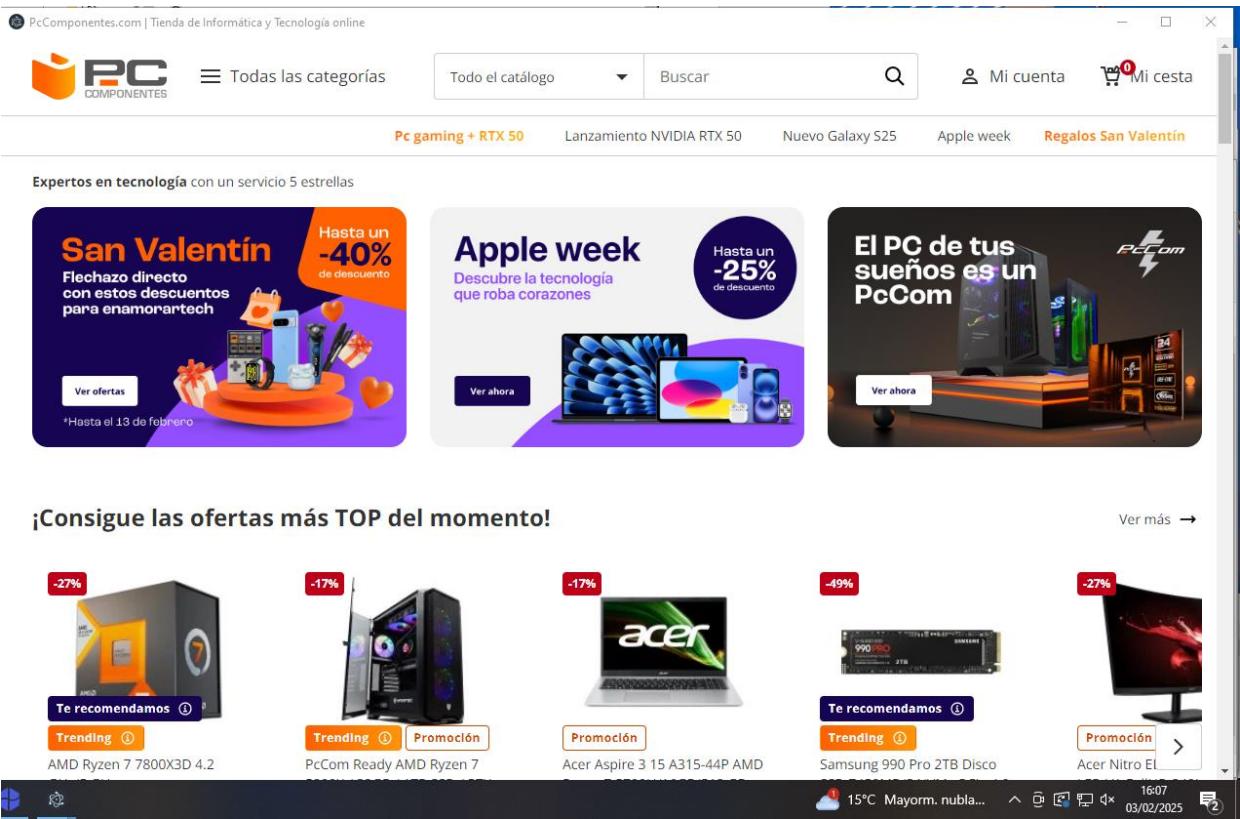
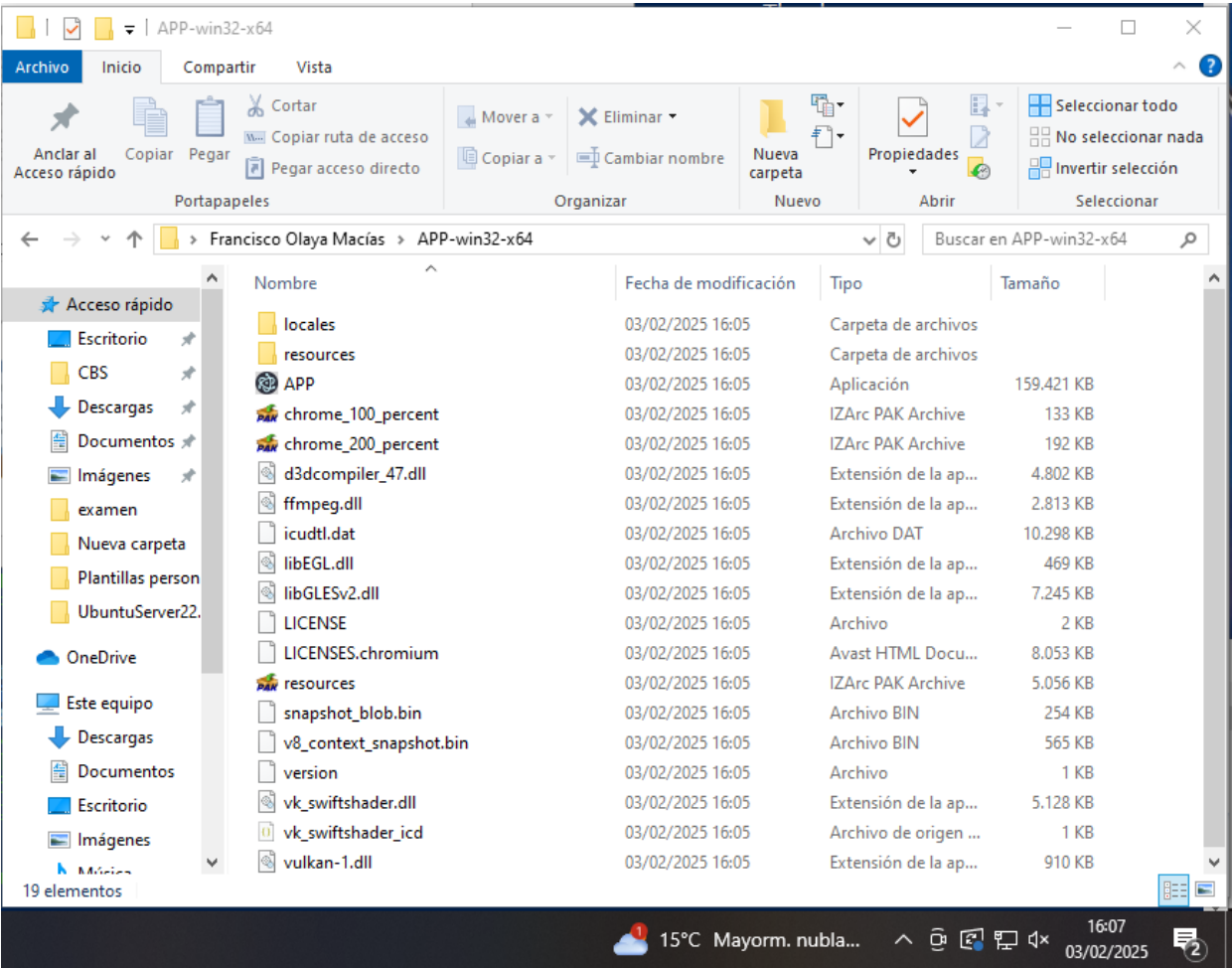


```
Administrador: Windows PowerShell
PS C:\Users\2SMR\Desktop\Francisco Olaya Macias> nativefier https://www.pccomponentes.com/

Hi! Nativefier is minimally maintained these days, and needs more hands.
If you have the time & motivation, help with bugfixes and maintenance is VERY welcome.
Please go to https://github.com/nativefier/nativefier and help how you can. Thanks.

Processing options...
Unable to automatically determine app name, falling back to 'APP'. AxiosError: Request failed with status code 403
    at settle (C:\Users\2SMR\AppData\Local\nvm\v22.13.1\node_modules\nativefier\node_modules\axios\lib\core\settle.js:19:12)
    at BrotliDecompress.handleStreamEnd (C:\Users\2SMR\AppData\Local\nvm\v22.13.1\node_modules\nativefier\node_modules\axios\lib\adapters\http.js:570:11)
    at BrotliDecompress.emit (node:events:536:35)
    at endReadableNT (node:internal/streams/readable:1698:12)
    at processTicksAndRejections (node:internal/process/task_queues:90:21) {
  code: 'ERR_BAD_REQUEST',
  config: {
    transitional: {
      silentJSONParsing: true,
      forcedJSONParsing: true,
      clarifyTimeoutError: false
    },
    adapter: [ 'xhr', 'http' ],
    transformRequest: [ [Function: transformRequest] ],
    transformResponse: [ [Function: transformResponse] ],
    timeout: 0,
    xsrfCookieName: 'XSRF-TOKEN',
    xsrfHeaderName: 'X-XSRF-TOKEN',
    maxContentLength: -1,
    maxBodyLength: -1,
    env: { FormData: [Function], Blob: [class Blob] },
    validateStatus: [Function: validateStatus],
    headers: AxiosHeaders {
      Accept: 'application/json, text/plain, */*',
      'User-Agent': 'Mozilla/5.0 (Macintosh; Intel Mac OS x 10_15_7) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/15.4 Safari/605.1.15',
      'Accept-Encoding': 'gzip, compress, deflate, br'
    },
    method: 'get',
    url: 'https://www.pccomponentes.com/',
    data: undefined
  }
}
```

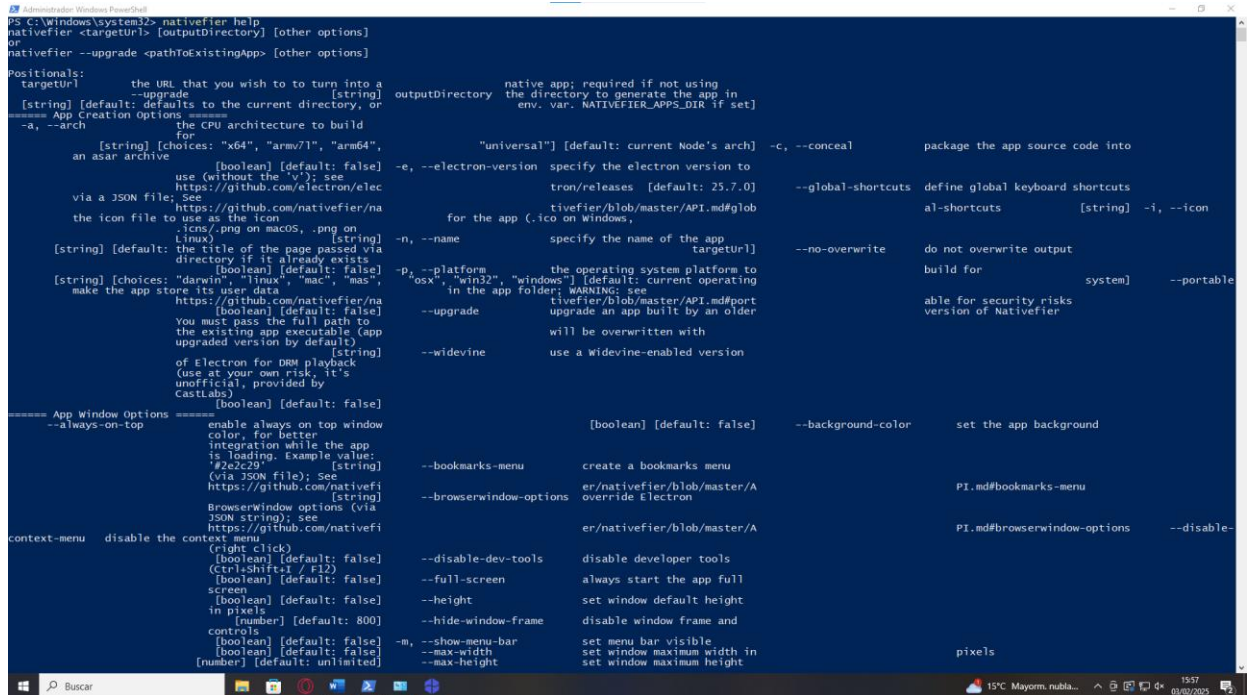
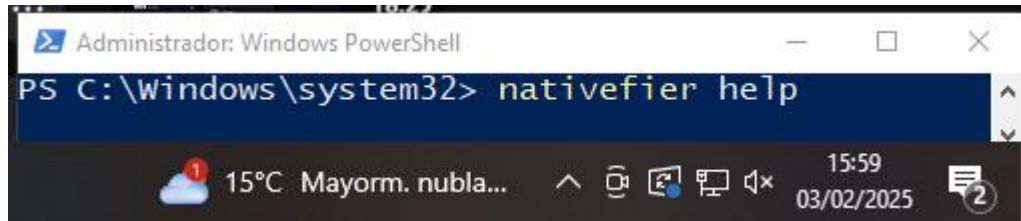
Tarea 5.2



## Tarea 5.2

3.

a) Mirar los comandos que podemos utilizar con nativefier





## Tarea 5.2

- b) Vamos a crear otro sitio web como aplicaciones de escritorio con un nombre particular, con tamaño completo de pantalla y con otra opción que te guste. Explica las tres opciones realizadas.

--full-screen: Para la pantalla completa

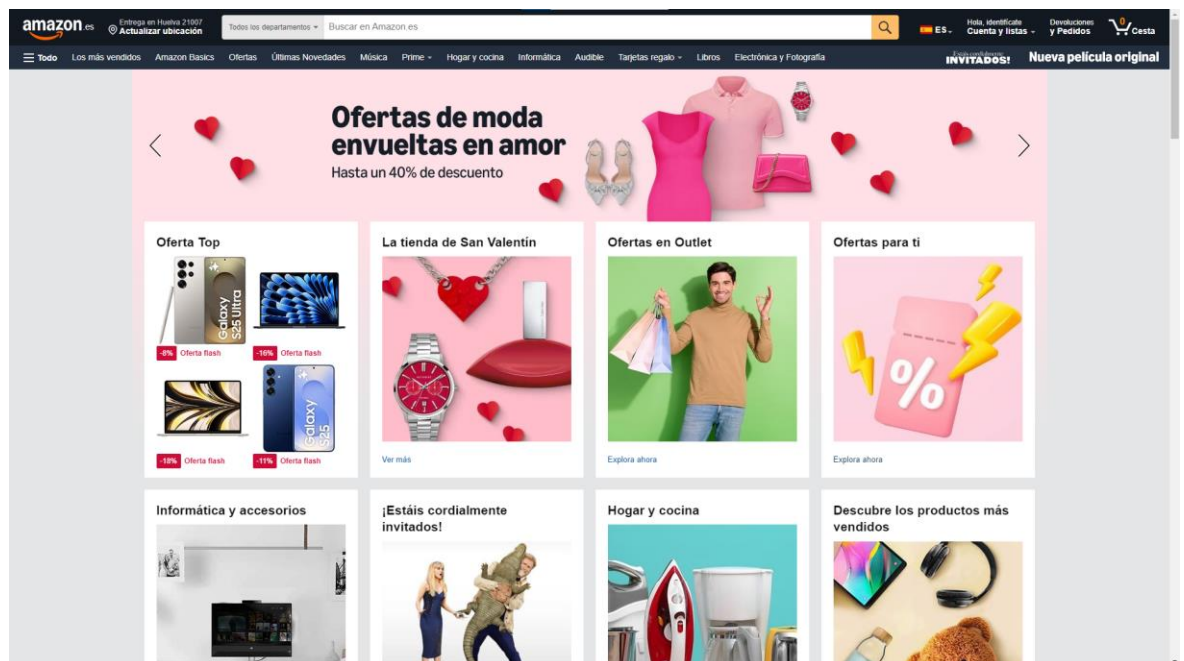
--name: Para poner el nombre que queramos

--portable: Para que la app sea portable

```
Administrador: Windows PowerShell
PS C:\Users\25MR\Desktop\Francisco Olaya Macias> nativefier --name Amazon --full-screen --portable https://www.amazon.es/

Hi! Nativefier is minimally maintained these days, and needs more hands.
If you have the time & motivation, help with bugfixes and maintenance is VERY welcome.
Please go to https://github.com/nativefier/nativefier and help how you can. Thanks.

Processing options...
Building app as portable. SECURITY WARNING: all data accumulated in the app folder after running it (including login information, cache, cookies) will be saved in the app folder. If this app is then shared with others, THEY WILL HAVE THAT ACCUMULATED DATA, POTENTIALLY INCLUDING ACCESS TO ANY ACCOUNTS YOU LOGGED INTO.
Preparing Electron app...
Converting icons...
Packaging... This will take a few seconds, maybe minutes if the requested Electron isn't cached yet...
Finalizing build...
App built to C:\Users\25MR\Desktop\Francisco Olaya Macias\Amazon-win32-x64, move to wherever it makes sense for you and run in the contained .exe file.
PS C:\Users\25MR\Desktop\Francisco Olaya Macias>
```



Tarea 5.2

